

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT  
APPLICATION TRANSMITTAL LETTER

Mail Stop PATENT APPLICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Customer Number 2 1 8 3 9

Sir:



Enclosed for filing is the utility patent application entitled:

Interference Estimation in CDMA Systems Using Alternative Scrambling Codes



by the following named inventor(s):

Bengt LINDOFF, Johan NILSSON, and Torgny PALENIUS

☐ Applicant(s) hereby requests that the above-captioned application **NOT BE PUBLISHED** under 35 U.S.C. § 122(b) and 37 C.F.R. § 1.211. The undersigned hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

☒ Applicant(s) suggests Figure 4 for inclusion on the front page of the patent application publication and patent.

☒ Applicant(s) requests that the published application include the following assignment information:  
Telefonaktiebolaget LM Ericsson (publ)

☐ Small entity status is claimed.

Also enclosed are:

**DRAWINGS:** 5 sheets of formal drawings        sheets of informal drawings

**DECLARATION:** ☐ will follow ☐ executed, is enclosed ☒ unexecuted, is enclosed

**ASSIGNMENT:** ☐ is enclosed ☒ will follow

**CLAIM FOR  
PRIORITY UNDER  
35 U.S.C. § 119  
and/or 365:**

☐ is made in the declaration

☐ is hereby made as follows

dd-mm-yy

Country:

Appl. No.:

Filing Date:

Country:

Appl. No.:

Filing Date:

Country:

Appl. No.:

Filing Date:

Country:

Appl. No.:

Filing Date:

☐ certified copy(ies) enclosed

☐ certified copy(ies) will follow

**OTHER PAPERS:** ☐ a General Authorization for Petitions for Extensions of Time and Payment of Fees  
☐ an Information Disclosure Statement  
☐ an Application Data Sheet (ADS)  
☐

☐ Please amend the specification by inserting before the first line one of the following sentence (an executed declaration referencing this amendment is enclosed or will follow):

☐ --This application claims priority under 35 U.S.C. §§ 119 and/or 365 to \_\_\_\_\_  
filed in \_\_\_\_\_ on \_\_\_\_\_; the entire content of which is hereby  
incorporated by reference.--

☐ --This application claims priority under 35 U.S.C. § 119 to U.S. Provisional Application  
No. \_\_\_\_\_, filed on \_\_\_\_\_, the entire content of which is hereby  
incorporated by reference.--

☐ --This application is a continuation of International Application No. \_\_\_\_\_, filed  
on \_\_\_\_\_, the entire content of which is hereby incorporated by reference.--

☒ The filing fee has been calculated as follows ☐ and in accordance with the enclosed preliminary amendment:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fee
Basic Application Fee (1001)					\$ 770.00
Total Claims	32	MINUS 20 =	12	x \$18.00 (1202) =	\$ 216.00
Independent Claims	4	MINUS 3 =	1	x \$86.00 (1201) =	\$ 86.00
If multiple dependent claims are presented, add \$290.00 (1203)					\$ 0.00
Total Application Fee					\$ 1,072.00
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Application Fee					\$ 0.00
Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed.					
<b>TOTAL APPLICATION FEE DUE</b>					<b>\$ 1,072.00</b>

- ☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.
- ☒ Charge \$ 1,072.00 to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Please address all correspondence concerning this application to:

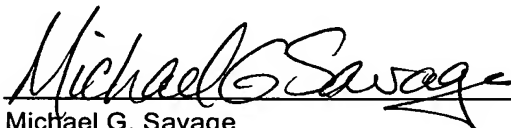
Burns, Doane, Swecker & Mathis, L.L.P.  
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Respectfully submitted,

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Filed: November 4, 2003

By   
Michael G. Savage  
Registration No. 32,596

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

"Express Mail" Mailing Label No.: EL279347395US Date of Deposit: November 4, 2003



Heather L. Rattelade

Typed Name: